

Method of Manufacturing Spindle Motor

Abstract

One aspect of the present invention relates to a spindle motor manufacturing method for forming an oil repellent film which prevents a lubricating oil from flowing out, on a predetermined area adjacent to a hydrodynamic bearing, the predetermined area being located on at least one of a stationary member and a rotating member. The spindle motor manufacturing method mentioned above comprises a step of supplying an oil repellent solution by a supplying portion onto a part of the predetermined area for forming the oil repellent film, a step of applying an air current to the part of the predetermined area on which the oil repellent solution is supplied so as to peel off an excess part of the oil repellent solution supplied onto the part of the predetermined area, and a step of making a relative movement of the predetermined area in which the oil repellent film is formed, the relative movement being made with respect to the supplying portion by which the oil repellent solution is supplied.